

# USHIO

## FLUORESCENT LAMPS

### COMPACT FLUORESCENT



### COMPACT FLUORESCENT LAMPS FOR GENERAL LIGHTING

USHIO's compact fluorescent lamps provide all the benefits of linear fluorescent lamps in a compact size. These lamps are highly efficient at 67 lumens per watt and 10,000 hours average life.

The Triphosphor coatings on these lamps render colors closer to that of nature allowing a coloring index of 82 in a variety of color temperatures.

Available in single, double and triple tubes with wattages ranging from 5 watts to 42 watts. Color temperatures range from 2700K to 6500K.

### APPLICATIONS

- Downlights in Offices, Hotels, Retail Establishments
- Task Lighting
- Security
- Enclosed Outdoor Fixtures

### FEATURES AND BENEFITS

- Long life — 10,000 hours average life
  - Reduces costs of lamp change-outs
  - At least ten times the life of ordinary incandescent lamps
- High Color Rendering — 82 CRI
- High efficacy — 67 lumens per watt
- Saves up to 75% in electricity costs compared to standard incandescent lamps
- Available in dimmable versions, 4-pin base

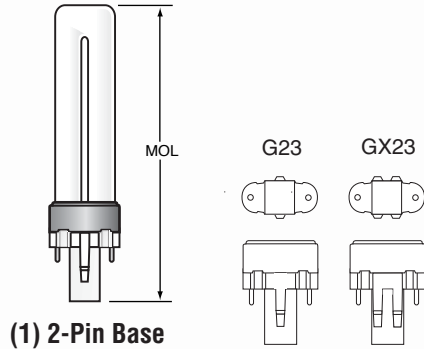
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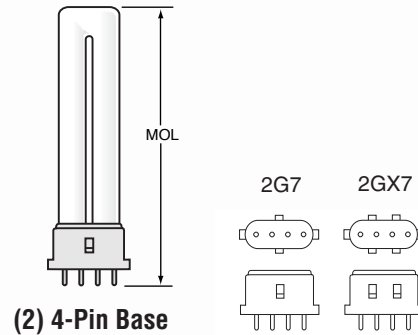
## CHARACTERISTICS & SPECIFICATIONS

### SINGLE TUBE

Average Life: 10,000 hours • CRI: 82



(1) 2-Pin Base



(2) 4-Pin Base

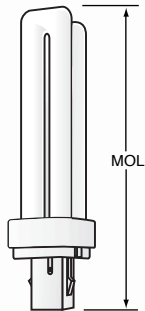
| Watts (W)  | Ushio Ordering Code | Ushio Lamp Description | Volts (V) | Current (A) | Luminous Flux |           | Color Temp (K) | Dimensions |          | Base |
|--|---------------------|------------------------|-----------|-------------|---------------|-----------|----------------|------------|----------|------|
|  |                     |                        |           |             | Nom. (lm)     | Min. (lm) |                | MOL (mm)   | MOL (in) |      |
| <b>Single Tube 2-Pin Base (1)</b>                                  |                     |                        |           |             |               |           |                |            |          |      |
| 5  | 3000062             | CF5S/827               | 35        | 0.180       | 250           | 230       | 2700           | 108        | 4.3      | G23  |
| 5  | 3000163             | CF5S/835               | 35        | 0.180       | 250           | 230       | 3500           | 108        | 4.3      | G23  |
| 5  | 3000147             | CF5S/841               | 35        | 0.180       | 250           | 230       | 4100           | 108        | 4.3      | G23  |
| 5  | 3000164             | CF5S/865               | 35        | 0.180       | 240           | 220       | 6500           | 108        | 4.3      | G23  |
| 7  | 3000063             | CF7S/827               | 45        | 0.180       | 400           | 360       | 2700           | 138        | 5.4      | G23  |
| 7  | 3000061             | CF7S/835               | 45        | 0.180       | 400           | 360       | 3500           | 138        | 5.4      | G23  |
| 7  | 3000064             | CF7S/841               | 45        | 0.180       | 400           | 360       | 4100           | 138        | 5.4      | G23  |
| 7  | 3000165             | CF7S/865               | 45        | 0.180       | 380           | 340       | 6500           | 138        | 5.4      | G23  |
| 9  | 3000066             | CF9S/827               | 59        | 0.180       | 600           | 540       | 2700           | 168        | 6.6      | G23  |
| 9  | 3000060             | CF9S/835               | 59        | 0.180       | 600           | 540       | 3500           | 168        | 6.6      | G23  |
| 9  | 3000067             | CF9S/841               | 59        | 0.180       | 600           | 540       | 4100           | 168        | 6.6      | G23  |
| 9  | 3000166             | CF9S/865               | 59        | 0.180       | 570           | 520       | 6500           | 168        | 6.6      | G23  |
| 13   | 3000054             | CF13S/827              | 59        | 0.285       | 800           | 720       | 2700           | 180        | 7.1      | GX23 |
| 13   | 3000057             | CF13S/835              | 59        | 0.285       | 800           | 720       | 3500           | 180        | 7.1      | GX23 |
| 13   | 3000055             | CF13S/841              | 59        | 0.285       | 800           | 720       | 4100           | 180        | 7.1      | GX23 |
| 13   | 3000427             | CF13S/850              | 59        | 0.285       | 800           | 720       | 5000           | 180        | 7.1      | GX23 |
| 13   | 3000167             | CF13S/865              | 59        | 0.285       | 760           | 690       | 6500           | 180        | 7.1      | GX23 |
| <b>Single Tube 4-Pin Base for Electronic Ballasts (2)—Dimmable</b> |                     |                        |           |             |               |           |                |            |          |      |
| 5  | 3000168             | CF5SE/827              | 35        | 0.180       | 250           | 230       | 2700           | 85         | 3.4      | 2G7  |
| 5  | 3000173             | CF5SE/835              | 35        | 0.180       | 250           | 230       | 3500           | 85         | 3.4      | 2G7  |
| 7  | 3000169             | CF7SE/827              | 47        | 0.175       | 400           | 360       | 2700           | 115        | 4.5      | 2G7  |
| 7  | 3000175             | CF7SE/841              | 47        | 0.175       | 400           | 360       | 4100           | 115        | 4.5      | 2G7  |
| 9  | 3000170             | CF9SE/827              | 60        | 0.170       | 600           | 540       | 2700           | 145        | 5.7      | 2G7  |
| 9  | 3000179             | CF9SE/835              | 60        | 0.170       | 600           | 540       | 3500           | 145        | 5.7      | 2G7  |
| 9  | 3000178             | CF9SE/841              | 60        | 0.170       | 600           | 540       | 4100           | 145        | 5.7      | 2G7  |
| 13   | 3000171             | CF13SE/827             | 59        | 0.285       | 800           | 720       | 2700           | 160        | 6.3      | 2GX7 |
| 13   | 3000251             | CF13SE/830             | 59        | 0.285       | 800           | 720       | 3000           | 160        | 6.3      | 2GX7 |
| 13   | 3000182             | CF13SE/835             | 59        | 0.285       | 800           | 720       | 3500           | 160        | 6.3      | 2GX7 |
| 13   | 3000181             | CF13SE/841             | 59        | 0.285       | 800           | 720       | 4100           | 160        | 6.3      | 2GX7 |

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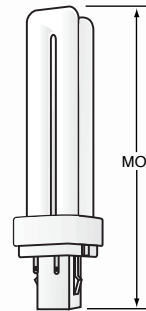
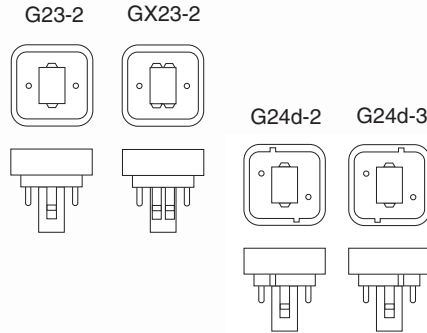
## CHARACTERISTICS & SPECIFICATIONS

### DOUBLE TUBE

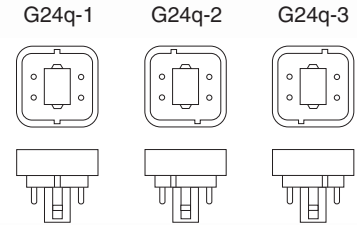
Average Life: 10,000 hours • CRI: 82



(3) 2-Pin Base



(4) 4-Pin Base



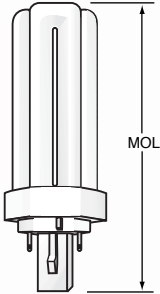
| Watts (W)  | Ushio Ordering Code | Ushio Lamp Description | Volts (V) | Current (A) | Luminous Flux |           | Color Temp (K) | Dimensions |          | Base   |
|--|---------------------|------------------------|-----------|-------------|---------------|-----------|----------------|------------|----------|--------|
|  |                     |                        |           |             | Nom. (lm)     | Min. (lm) |                | MOL (mm)   | MOL (in) |        |
| <b>Double Tube 2-Pin Base (3)</b>                                  |                     |                        |           |             |               |           |                |            |          |        |
| 9  | 3000065             | CF9D/827               | 59        | 0.180       | 525           | 475       | 2700           | 108        | 4.3      | G23-2  |
| 9  | 3000139             | CF9D/835               | 59        | 0.180       | 525           | 475       | 3500           | 108        | 4.3      | G23-2  |
| 9  | 3000184             | CF9D/841               | 59        | 0.180       | 525           | 475       | 4100           | 108        | 4.3      | G23-2  |
| 9  | 3000185             | CF9D/865               | 59        | 0.180       | 500           | 450       | 6500           | 108        | 4.3      | G23-2  |
| 13   | 3000052             | CF13D/827              | 59        | 0.285       | 780           | 700       | 2700           | 118        | 4.7      | GX23-2 |
| 13   | 3000053             | CF13D/835              | 59        | 0.285       | 780           | 700       | 3500           | 118        | 4.7      | GX23-2 |
| 13   | 3000140             | CF13D/841              | 59        | 0.285       | 780           | 700       | 4100           | 118        | 4.7      | GX23-2 |
| 13   | 3000426             | CF13D/850              | 59        | 0.285       | 780           | 700       | 5000           | 118        | 4.7      | GX23-2 |
| 13   | 3000190             | CF13D/865              | 59        | 0.285       | 740           | 670       | 6500           | 118        | 4.7      | GX23-2 |
| 18   | 3000135             | CF18D/827              | 100       | 0.220       | 1200          | 1080      | 2700           | 153        | 6.0      | G24d-2 |
| 18   | 3000145             | CF18D/835              | 100       | 0.220       | 1200          | 1080      | 3500           | 153        | 6.0      | G24d-2 |
| 18   | 3000141             | CF18D/841              | 100       | 0.220       | 1200          | 1080      | 4100           | 153        | 6.0      | G24d-2 |
| 18   | 3000195             | CF18D/865              | 100       | 0.220       | 1140          | 1030      | 6500           | 153        | 6.0      | G24d-2 |
| 26   | 3000058             | CF26D/827              | 105       | 0.325       | 1800          | 1620      | 2700           | 172        | 6.8      | G24d-3 |
| 26   | 3000146             | CF26D/835              | 105       | 0.325       | 1800          | 1620      | 3500           | 172        | 6.8      | G24d-3 |
| 26   | 3000142             | CF26D/841              | 105       | 0.325       | 1800          | 1620      | 4100           | 172        | 6.8      | G24d-3 |
| 26   | 3000196             | CF26D/865              | 105       | 0.325       | 1710          | 1540      | 6500           | 172        | 6.8      | G24d-3 |
| <b>Double Tube 4-Pin Base for Electronic Ballasts (4)—Dimmable</b> |                     |                        |           |             |               |           |                |            |          |        |
| 10   | 3000239             | CF10DE/827             | 64        | 0.190       | 600           | 540       | 2700           | 103        | 4.1      | G24q-1 |
| 10   | 3000240             | CF10DE/835             | 64        | 0.190       | 600           | 540       | 3500           | 103        | 4.1      | G24q-1 |
| 10   | 3000241             | CF10DE/841             | 64        | 0.190       | 600           | 540       | 4100           | 103        | 4.1      | G24q-1 |
| 13   | 3000159             | CF13DE/827             | 91        | 0.175       | 900           | 810       | 2700           | 131        | 5.2      | G24q-1 |
| 13   | 3000246             | CF13DE/835             | 91        | 0.175       | 900           | 810       | 3500           | 131        | 5.2      | G24q-1 |
| 13   | 3000160             | CF13DE/841             | 91        | 0.175       | 900           | 810       | 4100           | 131        | 5.2      | G24q-1 |
| 13   | 3000235             | CF13DE/865             | 91        | 0.175       | 860           | 770       | 6500           | 131        | 5.2      | G24q-1 |
| 18   | 3000056             | CF18DE/827             | 100       | 0.220       | 1200          | 1080      | 2700           | 146        | 5.8      | G24q-2 |
| 18   | 3000143             | CF18DE/835             | 100       | 0.220       | 1200          | 1080      | 3500           | 146        | 5.8      | G24q-2 |
| 18   | 3000136             | CF18DE/841             | 100       | 0.220       | 1200          | 1080      | 4100           | 146        | 5.8      | G24q-2 |
| 26   | 3000059             | CF26DE/827             | 105       | 0.325       | 1800          | 1620      | 2700           | 165        | 6.5      | G24q-3 |
| 26   | 3000144             | CF26DE/835             | 105       | 0.325       | 1800          | 1620      | 2700           | 165        | 6.5      | G24q-3 |
| 26   | 3000137             | CF26DE/841             | 105       | 0.325       | 1800          | 1620      | 4100           | 165        | 6.5      | G24q-3 |
| 26   | 3000238             | CF26DE/865             | 105       | 0.325       | 1710          | 1540      | 6500           | 165        | 6.5      | G24q-3 |

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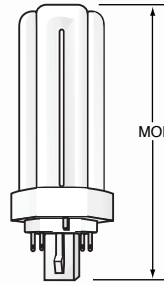
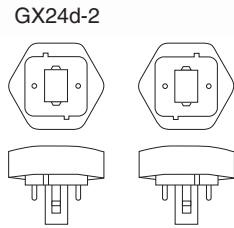
## CHARACTERISTICS & SPECIFICATIONS

### TRIPLE TUBE

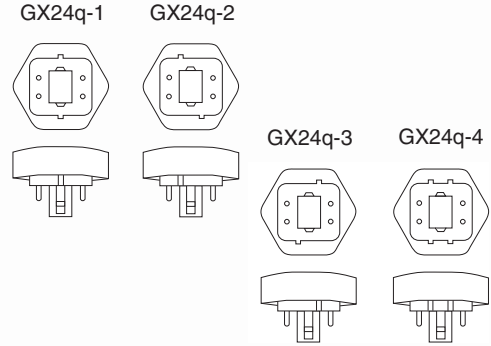
Average Life: 10,000 hours • CRI: 82



(5) 2-Pin Base



(6) 4-Pin Base



| Watts (W)  | Ushio Ordering Code | Ushio Lamp Description | Volts (V) | Current (A) | Luminous Flux |           | Color Temp (K) | Dimensions |          | Base    |
|--|---------------------|------------------------|-----------|-------------|---------------|-----------|----------------|------------|----------|---------|
|  |                     |                        |           |             | Nom. (lm)     | Min. (lm) |                | MOL (mm)   | MOL (in) |         |
| <b>Triple Tube 2-Pin Base (5)</b>                                  |                     |                        |           |             |               |           |                |            |          |         |
| 18   | 3000199             | CF18T/827              | 100       | 0.220       | 1200          | 1080      | 2700           | 123        | 4.8      | GX24d-2 |
| 18   | 3000201             | CF18T/835              | 100       | 0.220       | 1200          | 1080      | 3500           | 123        | 4.8      | GX24d-2 |
| 18   | 3000200             | CF18T/841              | 100       | 0.220       | 1200          | 1080      | 4100           | 123        | 4.8      | GX24d-2 |
| 26   | 3000203             | CF26T/827              | 105       | 0.325       | 1800          | 1620      | 2700           | 138        | 5.4      | GX24d-3 |
| 26   | 3000205             | CF26T/835              | 105       | 0.325       | 1800          | 1620      | 3500           | 138        | 5.4      | GX24d-3 |
| 26   | 3000204             | CF26T/841              | 105       | 0.325       | 1800          | 1620      | 4100           | 138        | 5.4      | GX24d-3 |
| <b>Triple Tube 4-Pin Base for Electronic Ballasts (6)—Dimmable</b> |                     |                        |           |             |               |           |                |            |          |         |
| 13   | 3000207             | CF13TE/827             | 91        | 0.175       | 900           | 810       | 2700           | 108        | 4.4      | GX24q-1 |
| 13   | 3000209             | CF13TE/835             | 91        | 0.175       | 900           | 810       | 3500           | 108        | 4.4      | GX24q-1 |
| 13   | 3000208             | CF13TE/841             | 91        | 0.175       | 900           | 810       | 4100           | 108        | 4.4      | GX24q-1 |
| 18   | 3000211             | CF18TE/827             | 100       | 0.220       | 1200          | 1080      | 2700           | 116        | 4.6      | GX24q-2 |
| 18   | 3000255             | CF18TE/830             | 100       | 0.220       | 1200          | 1080      | 3000           | 116        | 4.6      | GX24q-2 |
| 18   | 3000213             | CF18TE/835             | 100       | 0.220       | 1200          | 1080      | 3500           | 116        | 4.6      | GX24q-2 |
| 18   | 3000212             | CF18TE/841             | 100       | 0.220       | 1200          | 1080      | 4100           | 116        | 4.6      | GX24q-2 |
| 18   | 3000214             | CF18TE/865             | 100       | 0.220       | 1140          | 1025      | 6500           | 116        | 4.6      | GX24q-2 |
| 26   | 3000215             | CF26TE/827             | 105       | 0.325       | 1800          | 1620      | 2700           | 131        | 5.2      | GX24q-3 |
| 26   | 3000254             | CF26TE/830             | 105       | 0.325       | 1800          | 1620      | 3000           | 131        | 5.2      | GX24q-3 |
| 26   | 3000217             | CF26TE/835             | 105       | 0.325       | 1800          | 1620      | 3500           | 131        | 5.2      | GX24q-3 |
| 26   | 3000216             | CF26TE/841             | 105       | 0.325       | 1800          | 1620      | 4100           | 131        | 5.2      | GX24q-3 |
| 26   | 3000218             | CF26TE/865             | 105       | 0.325       | 1710          | 1540      | 6500           | 131        | 5.2      | GX24q-3 |
| 32   | 3000219             | CF32TE/827             | 100       | 0.320       | 2400          | 2160      | 2700           | 147        | 5.8      | GX24q-3 |
| 32   | 3000252             | CF32TE/830             | 100       | 0.320       | 2400          | 2160      | 3000           | 147        | 5.8      | GX24q-3 |
| 32   | 3000221             | CF32TE/835             | 100       | 0.320       | 2400          | 2160      | 3500           | 147        | 5.8      | GX24q-3 |
| 32   | 3000220             | CF32TE/841             | 100       | 0.320       | 2400          | 2160      | 4100           | 147        | 5.8      | GX24q-3 |
| 32   | 3000222             | CF32TE/865             | 100       | 0.320       | 2280          | 2052      | 6500           | 147        | 5.8      | GX24q-3 |
| 42   | 3000223             | CF42TE/827             | 135       | 0.320       | 3200          | 2880      | 2700           | 168        | 6.7      | GX24q-4 |
| 42   | 3000253             | CF42TE/830             | 135       | 0.320       | 3200          | 2800      | 3000           | 168        | 6.7      | GX24q-4 |
| 42   | 3000225             | CF42TE/835             | 135       | 0.320       | 3200          | 2880      | 3500           | 168        | 6.7      | GX24q-4 |
| 42   | 3000224             | CF42TE/841             | 135       | 0.320       | 3200          | 2880      | 4100           | 168        | 6.7      | GX24q-4 |
| 42   | 3000226             | CF42TE/865             | 135       | 0.320       | 3040          | 2740      | 6500           | 168        | 6.7      | GX24q-4 |

Form No. S-CFL/R-1211

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